

CLAIMS

1. A PC steel member fixing wedge which is formed into a conical shape by combining a plurality of split
5 pieces with each other and grasps a PC steel member, the PC steel member fixing wedge comprising:

a restraint ring for holding said split pieces in the conical shape, wherein

the restraint ring has a projection to be fitted into
10 a clearance defined between the split pieces.

2. The PC steel member fixing wedge according to claim 1, wherein said restraint ring is made of an elastic material.

3. The PC steel member fixing wedge according to
15 claim 2, wherein said restraint ring includes a ring portion and a block portion molded integrally with the ring portion on a wedge large-diameter side, and said projection is formed by allowing a part of the block portion to project toward the inner circumference of the ring portion.

20 4. The PC steel member fixing wedge according to claim 1, wherein said restraint ring is obtained by molding an elongated member having one end and the other end into an annular shape and, further, the projection to be fitted into the clearance defined between the split pieces is
25 molded continuously to said elongated member.

5. The PC steel member fixing wedge according to claim 4, wherein said elongated member consists of a linear member, the elongated member is molded into the annular shape by bending the linear member in such a manner that one end and the other end overlap with each other, and the projection to be fitted into the clearance defined between the split pieces is also molded by bending said linear member.

6. The PC steel member fixing wedge according to claim 4, wherein said elongated member consists of a belt-like member, which is molded into the annular shape with an interval between one end and the other end, and the projection to be fitted into the clearance defined between the split pieces is also molded integrally with said belt-like member.

7. The PC steel member fixing wedge according to claim 6, wherein a jig attaching portion for opening or closing one end and the other end is formed at each of one end and the other end of said belt-like member.

8. The PC steel member fixing wedge according to claim 6 or 7, wherein two pieces of said belt-like members are attached to said split pieces in arrangement in such a manner as not to overlap with each other at the ends thereof.

9. The PC steel member fixing wedge according to

claim 1, wherein said restraint ring is obtained by molding a belt-like member having one end and the other end into an annular shape, and the projection to be fitted into the clearance defined between the split pieces is formed by
5 allowing a block member made of an elastic material to project toward the belt-like member on a wedge large-diameter side.

10 10. The PC steel member fixing wedge according to claim 1, wherein said restraint ring has a ring portion, which is bent in a bellows manner so as to be molded into an annular shape, and the projection to be fitted into the clearance defined between the split pieces is molded by greatly bending a part of said bent portion toward the inner circumference of the ring portion.

15 11. The PC steel member fixing wedge according to claim 1, wherein said restraint ring includes a ring portion and an engaging portion for holding the ring portion at an end surface of the wedge on a wedge large-diameter side, and said projection is constituted
20 integrally with the ring portion.

12. The PC steel member fixing wedge according to claim 1, wherein said restraint ring includes a ring portion and an engaging portion for holding the ring portion at an end surface of the wedge on a wedge large-
25 diameter side via a holding pin, and said projection is

constituted of a protruding member which is formed at the ring portion in such a manner as to protrude toward a wedge small-diameter side.